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Nucleotides, Ribonucleic acids.

(Food, TT, v. 11, no. 9)

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Pyrimidines, Nucleosides, Nucleotides, Amino acids.

Among the compounds related to the nucleic acids,
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mononucleotides and polynucleotide do not have a
taste practically, if they are alone, whereas 5'-mono-
nucleotides of 6-hydroxypurine derivatives exhibit a
specific taste. The specific and remarkable syner-
gism of taste was observed between these nucleotides
and monosodium L-glutamate. (Author)
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(Metallurgy--Light Metals, TT, v. 10, no. 7)

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DESCRIPTORS: *Chlorides, *Alkaline earth metals,
Dehydration, Fused materials, Magnesium compounds.

Four kinds of hydrated alkaline earth metal chlorides
were thermodehydrated in air. The relation between
time, amount of residual water and the amount of
decomposed material at each temperature is discussed.
The dehydrated salt which contains extremely small
amounts of decomposed material was obtained at low
temperatures by dehydrating hydrated magnesium
chloride in the three kinds of dry-gas streams. (Author)
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DESCRIPTORS: Chemical reactions, *Indoles, *Methyl
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DESCRIPTORS: *Rubber, Vulcanizates, *Additives,
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A total of 60 different filler materials was investigated
for the purpose of determining relationships between
the physical and chemical properties and the technologi-
cal behavior of the corresponding filled vulcanizates of
Buna-S and natural rubber. It was found that with
heavily loaded vulcanizates the values for softness,
Shore-hardness, and for the most part, impact
elasticity were primarily dependent upon the magnitude
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